

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. Lease Designation and Serial No.

ML-21054

6. If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil
Well ☐Gas
Well ☒

Other

Single
Zone ☒Multiple
Zone ☐

2. Name of Operator

Beartooth Oil & Gas Company

3. Address of Operator

P. O. Box 1834, Billings, Montana 59103

4. Location of Well (Report location clearly and in accordance with any State requirements.)*

At surface

1360' FEL, 525' FNL NE NE

At proposed prod. zone

same

8. Farm or Lease Name

State

9. Well No.

16-1

10. Field and Pool, or Wildcat

Wildcat

11. Sec., T., R., M., or Blk.
and Survey or Area

Sec. 16-T16S-R22E, SLM

14. Distance in miles and direction from nearest town or post office*

Approx. 45 miles West of Mack, Colorado

12. County or Parrish

Grand

13. State

Utah

15. Distance from proposed*

location to nearest
property or lease line, ft.
(Also to nearest drlg. line, if any)

525' FLL

16. No. of acres in lease

640

17. No. of acres assigned
to this well

320

18. Distance from proposed location*
to nearest well, drilling, completed,
or applied for, on this lease, ft.

None

19. Proposed depth

9910' Dakota

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

7430' GL, 7441' KB

22. Approx. date work will start*

July 1, 1980

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12-1/4"	9-5/8"	32.3#	200'	150 sx
8-3/4"	7"	20# & 23#	5650'	100 sx
6-1/4"	4-1/2"	11.6# & 13.5#	9910'	175 sx

Est. Formation Tops: Mesaverde - Surface, Mancos 5250', Castlegate 5450', Dakota 9100', Morrison 9300'.

Drilling Program: Mud drill surface and intermediate hole to 5650'. Air drill 5650' to 9910'. Run porosity and resistivity logs. Monitor air returns and test all gas shows. Run casing if productive. BOP's will be 13-3/8", 5000 psi pipe and blind rams. - Grant rotating head above BOP's.

Completion Program: Perforate and acidize productive zones. Foam fracture with 100,000# of sand if necessary.

APPROVED BY THE DIVISION
OF OIL, GAS, AND MINING

DATE: 6-19-80

BY: M. J. Minahan

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

James G. Routson

Title

Petroleum Engineer

Date

6/2/80

(This space for Federal or State office use)

Permit No.

43-019-30653

Approval Date

6/19/80

Approved by

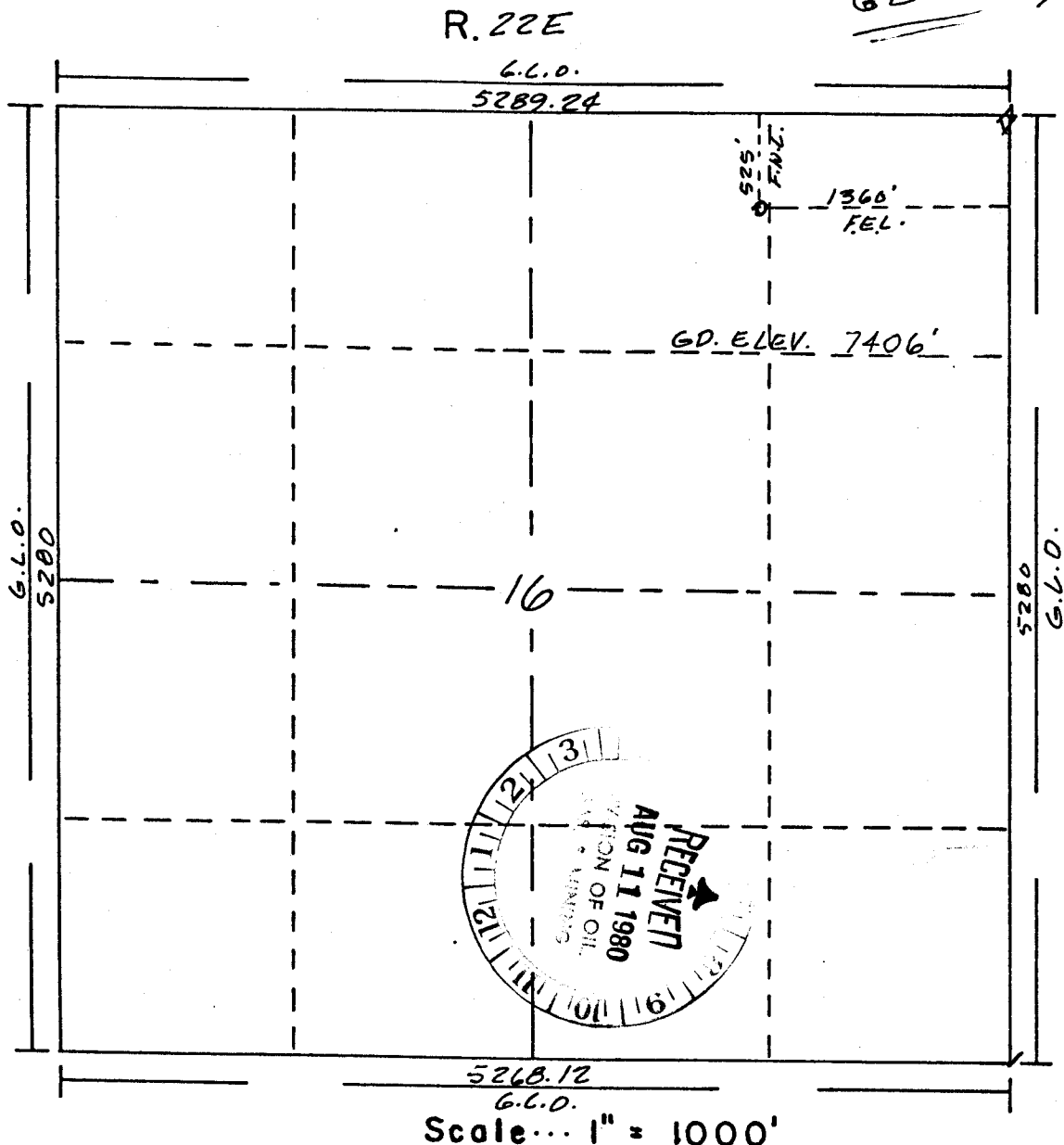
Title

Date

Conditions of approval, if any:



Corrected
GL changed

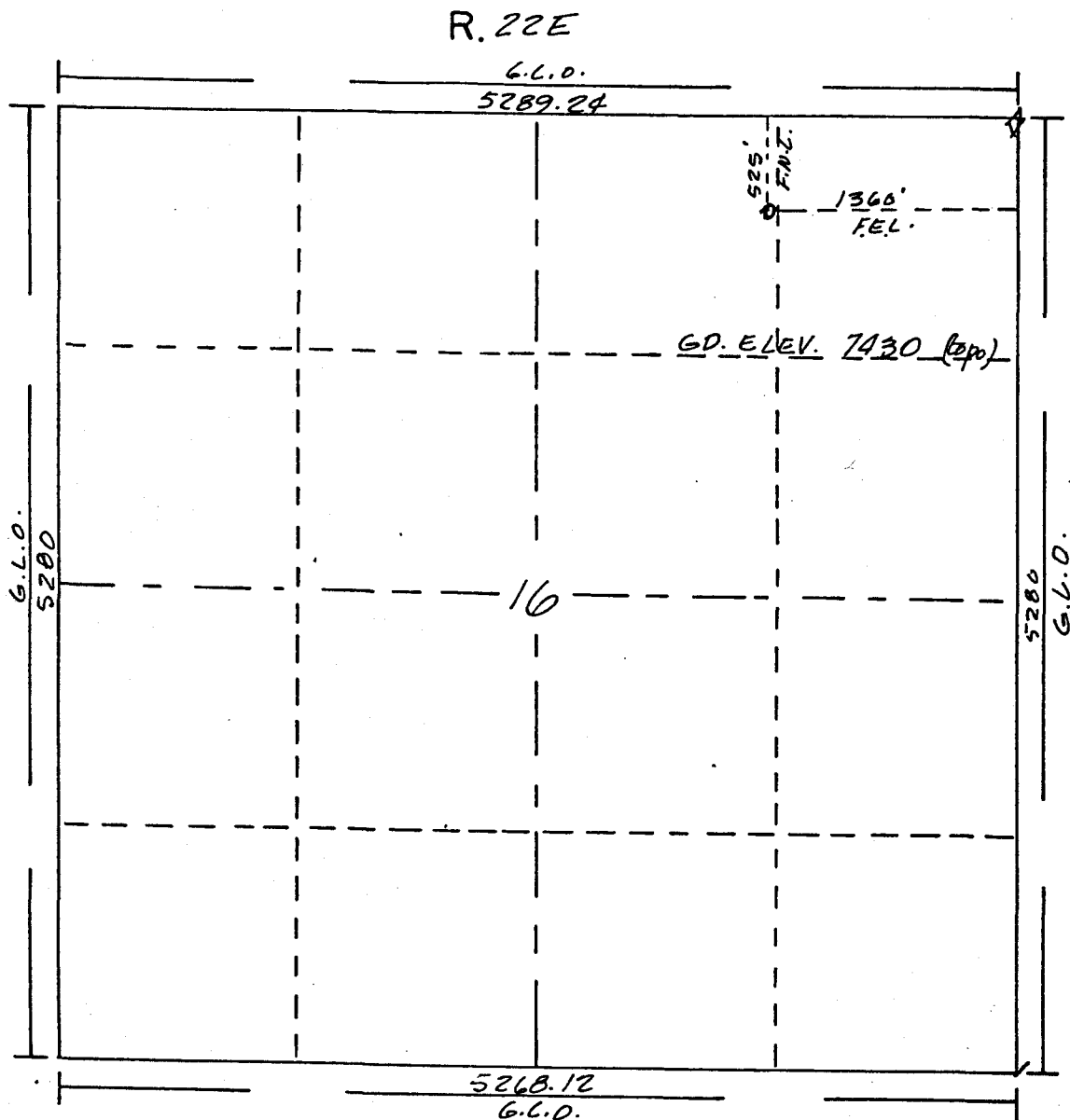


Powers Elevation Company, Inc. of Denver, Colorado
has in accordance with a request from JIM ROUTSON
for BEARTOOTH OIL & GAS CO.
determined the location of CHERRY CANYON 16-1
to be 525' FNL. & 1360' FEL. OF Section 16 Township 16S.
Range 22 EAST OF THE SALT LAKE Meridian
GRAND County, UTAH

I hereby certify that this plat is an
accurate representation of a correct
survey showing the location of
CHERRY CANYON 16-1

Date: 5/31/80

Garry D. Becker
Licensed Land Surveyor No. 4189
State of UTAH



Scale... 1" = 1000'

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GRAND County, UTAH

I hereby certify that this plat is an
accurate representation of a correct
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CHERRY CANYON 16-1

Date: 5/31/80

Garry D. Decker
Licensed Land Surveyor No. 4189
State of UTAH

June 5

** FILE NOTATIONS **

DATE: June 4, 1980

OPERATOR: Beartooth Oil & Gas

WELL NO: Cherry Canyon Unit
State 116-1

Location: Sec. 116 T. 16S R. 22E County: Grand

File Prepared: ☒

Entered on N.I.D: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number 43 - 019 - 30653

CHECKED BY:

Petroleum Engineer: M.J. Minder 6-19-80 Verbal Approval given (6-19-80)
Cherry Canyon Unit not established - Will require C-3 spacing
per call (6-16-80 D. Roberts) to close to 1/4 1/4 LN. Is a Fed Unit.

Director: _____

Administrative Aide: Rule C-3: too close to gtr-gtr line

APPROVAL LETTER:

Bond Required ☒ Hold for approval
from ST. LANDS

Survey Plat Required: ☒

Order No. _____

O.K. Rule C-3 ☒

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site

Lease Designation St. Unit

Plotted on Map ☒

Approval Letter Written ☒

Hot Line ☒

P.I. ☒

Unit approval
Contingent
upon bond

Don Roberts
Cardinal O.G.

BEARTOOTH OIL & GAS COMPANY
P.O. BOX 1834
BILLINGS, MONTANA 59103
(406) 259-2451

June 5, 1980

RECEIVED
JUN 9 1980

Division of Oil, Gas, and Mining
1588 West, North Temple
Salt Lake City, Utah 84116

DIVISION OF
OIL, GAS & MINING

Gentlemen:

Enclosed please find Survey Plats covering our State #24-10
and State #16-1 wells in Grand County, Utah.

We are in the process of securing a blanket bond for the
State of Utah wells, and will forward same as soon as we
receive it from our bonding company.

Yours very truly,

BEARTOOTH OIL & GAS COMPANY

Grace E. Brown

Grace E. Brown
Drilling Department

gb

Enclosures

BEARTOOTH OIL & GAS COMPANY

P.O. BOX 1834

BILLINGS, MONTANA 59103

(406) 259-2451

June 16, 1980

RECEIVED
JUN 18 1980

Mr. Mike Minder
Division of Oil, Gas & Mining
1588 West, North Temple
Salt Lake City, Utah 84116

DIVISION OF
OIL, GAS & MINING

Dear Mike:

In accordance with our telephone conversation today, enclosed please find copies of survey plats along with our original cover letter covering our State #24-10 and State #16-1 wells in Grand County, Utah.

We are asking for exception to Rule 3C(b) since both wells will be completed as unit wells when the Three Pines and Cherry Canyon Units are approved. Both units have been submitted to the U.S.G.S. and the State of Utah Land Board, and we anticipate approval by the end of June.

The Three Pines #24-10 location is situated on a State of Utah lease which encompasses Section 24-16S-22E plus an additional 2440 acres essentially surrounding the location. We control all of the acreage within the lease so there should be no one to object to the proposed location. Topographically, the proposed location is on an existing road which eliminates the necessity of any additional surface disturbance. Please approve location as submitted.

With regard to the Cherry Canyon #16-1 location, the State of Utah lease consists of all of Section 16, which we own or control, and all of the surrounding acreage is State of Utah acreage which we own or control.

We are sending you an amended Application with the correct footages on the Cherry Canyon #16-1 location to conform to the survey plat. A technically correct location would be moved to the East, but the location was staked where it is because a group of large trees was immediately to the East which would have had to be removed to strictly conform to State rules. There are no trees and the location requires little surface disturbance where it is staked. In view of this, we ask that the location be approved as submitted.

The bonds are being sent to the State Land Board today.

Yours very truly,

BEARTOOTH OIL & GAS COMPANY

Donald K. Roberts
President

DKR/gb
Enclosures



TEXOMA PRODUCTION COMPANY

1675 BROADWAY, THE GREAT WEST PLAZA TOWER I, SUITE 1970
DENVER, COLORADO 80202 • TELEPHONE (303) 893-2002

RECEIVED
JUN 19 1980

DIVISION OF
OIL, GAS & MINING

June 17, 1980

Division of Oil, Gas & Mining
1588 W. North Temple
Salt Lake City, UT. 84116

Attention: Mr. Michael T. Minder

RE: Exception to Rule 3-C-B
State 16 - #1

Gentlemen:

In connection with the captioned well, Beartooth Oil & Gas Company has staked a location in the E/2 of Section 16, T16S, R22E, S1M, Grand County, Utah which is an exception to STATE OF UTAH RULE 3-C-B.

Inasmuch as Texoma Production Company is a working interest owner and has no objection to this location, we hereby request that you agree to the proposed variance at your earliest convenience.

Yours very truly,

TEXOMA PRODUCTION COMPANY

Robert W. Wagner
Division Land Manager

RWW/eb

June 20, 1980

Beartooth Oil, and Gas Company
P.O. Box 1834
Billings, Montana 59103

Re: Well No. Cherry Canyon Unit State #16-1
Sec. 16, T. 16S, R. 22E.,
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-30653.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Petroleum Engineer

/b:dm

cc: USGS
Donald Prince

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Beartooth Oil and Gas Company

WELL NAME: Cherry Canyon Unit State #16-1

SECTION 16 NE NE TOWNSHIP 16S RANGE 22E COUNTY Grand

DRILLING CONTRACTOR Cardinal Drilling

RIG # 4

SPUDDED: DATE 7/11/80

TIME 12:00 p.m.

How rotary

DRILLING WILL COMMENCE ASAP

REPORTED BY Grace Brown

TELEPHONE # 406-259-2451

DATE July 11, 1980 SIGNED *M. J. M.*

cc: USGS
Donald Prince

FILE IN TRIPLICATE
FORM OGC-8-X

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

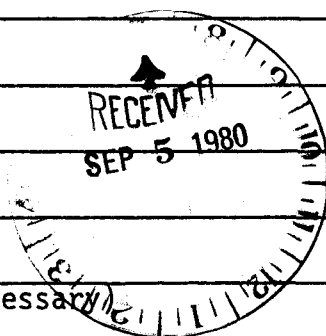
REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Cherry Canyon Unit State #16-1
Operator Beartooth Oil & Gas Company Address P. O. Box 1834, Billings, Montana
Contractor TWT Exploration, Inc. Address P. O. Box 1329, Park City, Utah 84060
Location NW ¼ NE ¼ Sec. 16 T. 16S R. 22E County Grand

Water Sands

	<u>Depth</u>	<u>Volume</u>	<u>Quality</u>
	From To	Flow Rate or Head	Fresh or Salty
1.	No water encountered		
2.			
3.			
4.			
5.			

(Continue of reverse side if necessary)



<u>Formation Tops</u>	Dakota Silt	9440'
	Dakota Sand	9524'
<u>Remarks</u>	Morrison	9698'

- NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
- (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

DIVISION OF OIL, GAS AND MINING

PLUGGING PROGRAM

NAME OF COMPANY: Beartooth Oil & Gas Company

WELL NAME: Cherry Canyon Unit State #16-1

SECTION 16 TOWNSHIP 16S RANGE 22E COUNTY Grand

VERBAL APPROVAL GIVEN TO PLUG AND ABOVE REFERRED TO WELL IN THE FOLLOWING MANNER:

TOTAL DEPTH: 10,011' PBTD-9951'

CASING PROGRAM:

9 5/8", 32.3# 2 513'
7" 20-23# @ 5799' (TOC 5230')
4 1/2" 11.6-13.5# @ 9997' (TOC 5740')

FORMATION TOPS: Wasatch Surface

PERFS: Mesaverde 3560'
9552-9697' Castlegate 5610'
Mancos 5708'
Dakota Silt 9440'
Dakota Sand 9524' (G&W)
Morrison 9698'

PLUGS SET AS FOLLOWS:

- 1) 9800-9450'
- 2) Part 4 1/2" casing at 5700'±, place 200' cement plug $\frac{1}{2}$ " in and $\frac{1}{2}$ " out of stub
- 3) Part 7" casing at 5200± place 100' cement plug $\frac{1}{2}$ " in and $\frac{1}{2}$ " out of stub.
- 4) 550-450'
- 6) 50-Surface

Place 9.2# or heavier fresh water gel based abandonment mud between plugs, clean and grade site, erect regulation dry hole marker, and report to Division when the work is completed and the location is prepared for inspection.

DATE May 13, 1981

SIGNED M. J. Minder

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
Instructions on
reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. ML-21054
2. NAME OF OPERATOR Beartooth Oil & Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 2564, Billings, Montana 59103		7. UNIT AGREEMENT NAME Cherry Canyon
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1360' FEL, 525' FNL		8. FARM OR LEASE NAME State
14. PERMIT NO. 43-019-30653		9. WELL NO. 16-1
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7406 GL, 7422 KB		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA NE1/4NW1/4 Sec. 16-16S-22E
		12. COUNTY OR PARISH Grand
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐

(Other)

FULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☒CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐

(Other)

REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The well was perforated, acidized and foam fractured in an attempt to establish production from the Dakota sand 9552-9697'. Permeability of the Dakota sand has been calculated from pressure build-up data at .00011 md. Numerous attempts to produce the well by swabbing, flow testing, and use of a plunger lift have been unsuccessful. We propose to plug and abandon the well as follows:

1. Load hole with water and spot 30 sack plug 9800-9450'.
2. Shoot off and pull approximately 5700' of 4½" casing. The cement top is into the 7" intermediate casing at approximately 5740'.
3. Shoot and pull 7" casing if any is free. Spot 30 sack plug across 7" casing stub (50' in 7", 50' in 8-3/4" hole).
4. Spot 10 sack plug at surface.
5. Weld plate on 9-5/8" surface casing and set regulation dry hole marker.
6. re-contour and reseed location in Fall.

APPROVED BY THE DIVISION
OF OIL, GAS, AND MINING

DATE: _____

BY: _____

Above not
approved -
Refer to
attached sheet

18. I hereby certify that the foregoing is true and correct

SIGNED

James G. Routson

TITLE

Petroleum Engineer

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APR 2 1981

*See Instructions on Reverse Side

DIVISION OF
OIL, GAS & MINING

STATE OF UTAH

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

OIL & GAS CONSERVATION COMMISSION

5. LEASE DESIGNATION AND SERIAL NO.
ML-21054

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Cherry Canyon

8. FARM OR LEASE NAME

State

9. WELL NO.

16-1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 16-16S-22E12. COUNTY OR PARISH
Grand13. STATE
Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____b. TYPE OF COMPLETION:
NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

Beartooth Oil & Gas Company

3. ADDRESS OF OPERATOR

P. O. Box 2564, Billings, Montana 59103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1360' FEL, 525' FNL

At top prod. interval reported below

same

At total depth same

14. PERMIT NO.
43-019-30653DATE ISSUED
6/19/80

15. DATE SPURRED 7/11/80 16. DATE T.D. REACHED 8/25/80 17. DATE COMPL. (Ready to prod.) 3/6/81 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7406 GL, 7422 KB 19. ELEV. CASINGHEAD 7406

20. TOTAL DEPTH, MD & TVD 10,011' 21. PLUG, BACK T.D., MD & TVD 9951' 22. IF MULTIPLE COMPL., HOW MANY* NA 23. INTERVALS DRILLED BY 0-TD 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Dakota: 9552-9697 25. WAS DIRECTIONAL SURVEY MADE? no

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-CNL-FDC, SP-DII

27. WAS WELL CORRED
no

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	32.3#	513'	12-1/4"	275 sacks	none
7"	20 & 23#	5799'	8-3/4"	100 sacks	none
4-1/2"	11.6 & 13.5#	9997'	6-1/4"	540 sacks	none

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2-3/8"	9810'	none

31. PERFORATION RECORD (Interval, size and number)

9552-58 - 7 holes
 9647-56 - 10 holes
 9659-66 - 8 holes
 9674-97 - 24 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
9552-9697	1500 gal. 7 $\frac{1}{2}$ % MSR acid
9552-9697	Fractured w/89,000 gal. foam, 20,000# 100 mesh sand, 80,000# 20-40 sand

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
-		plunger lift				shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3/6/81	48		→	0	TSTM	0	-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
0	650	→	-	0			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

James G. Routson

TITLE Petroleum Engineer

DATE 3/31/81

OIL, GAS & MINING

*(See Instructions and Spaces for Additional Data on Reverse Side)

APR 2 1981

Toby Tefteller

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Castlegate	5610	5656	Wet, tight - no tests	Wasatch	surface	
				Masaverde	3560'	
				Castlegate	5610'	
				Mancos	5708'	
				Dakota Silt	9440'	
				Dakota Sand	9524'	
				Morrison	9698'	
Dakota	9552	9697	Gas, water, tight - attempted completion			

P
BEARTOOTH OIL & GAS COMPANY _____

P.O. BOX ~~1834~~ 2564

BILLINGS, MONTANA 59103

(406) 259-2451

March 31, 1981

Mr. Jack Feight
Division of Oil, Gas & Mining
1588 West, North Temple
Salt Lake City, Utah 84116

Dear Mr. Feight:

Enclosed is a Well Completion Report and Sundry Notice requesting plugging orders for our Cherry Canyon #16-1 located in the NE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 16-16S-22E, Grand County, Utah.

Numerous attempts to establish production from this well have been unsuccessful. Plugging will be performed in June, 1981.

Yours very truly,

BEARTOOTH OIL & GAS COMPANY

James G. Routson
James G. Routson
Petroleum Engineer

JGR/gb

Enclosures

RECEIVED
APR 2 1981

DIVISION OF
OIL, GAS & MINING

April 2, 1981

Beartooth Oil, and Gas Company
P.O. Box 1834
Billings, Montana 59103

Re; Well No. Cherry Canyon Unit State #16-1
Sec. 16, T. 16S. R. 22E.
Grand County, Utah
(August 1980-March 1981)

Gentlemen:

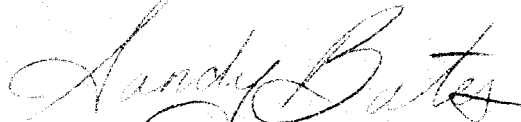
Our records indicate that you have not filed the Monthly drilling reports for the months indicated above on the subject well.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING



SANDY BATES
CLERK-TYPIST

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. ML-21054
2. NAME OF OPERATOR Beartooth Oil & Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 2564, Billings, Montana		7. UNIT AGREEMENT NAME Cherry Canyon
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1360' FEL, 525' FNL		8. FARM OR LEASE NAME State
14. PERMIT NO. 43-019-30653		9. WELL NO. 16-1
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7406 GL, 7422 KB		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 16-16S-22E
		12. COUNTY OR PARISH Grand
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

FULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

Status Report

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

7/12/80 Spudded. Ran 29' of 13-3/8" casing and cemented with 59 sacks

7/14/80 Ran 9-5/8" surface casing to 513' and cemented with 275 sacks.

8/15/80 Ran 7" casing to 5799' and cemented with 100 sacks.

8/29/80 Ran 4 1/2" casing to 9997' and cemented with 540 sacks.

9/15/80 Perforated Dakota from 9552 to 9697' - 49 perforations. Shut well in for pressure build-up.

10/5/80 Acidized perforation 9552 to 9697' with 1500 gallons 7 1/2% MSR. Swabbed dry. Tested 1.4 MCFPD. Shut in for pressure build-up

11/4/80 Fraced Dakota with 89,000 gallons foam, 20,000# 100 mesh and 80,000# 20/40 sand. Well flowed back and died. Swabbed and flow tested.

12/80 Shut in

1/81 Shut in

2/81 Shut in

3/81 Flow tested and attempted a plunger lift. Requested plugging orders.

RECEIVED

APR 10 1981

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

James G. Routson

TITLE

Petroleum Engineer

DATE

4/7/81

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Plugged and abandoned		5. LEASE DESIGNATION AND SERIAL NO. ML-21054	
2. NAME OF OPERATOR Beartooth Oil & Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Box 2564, Billings, Montana		7. UNIT AGREEMENT NAME Cherry Canyon	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1360' FEL, 525' FNL		8. FARM OR LEASE NAME State	
14. PERMIT NO. 43-019-30653		9. WELL NO. 16-1	
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7406' GL, 7422' KB		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 16-16S-22E	
		12. COUNTY OR PARISH Grand	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well plugged and abandoned 8/14/81 as follows:

Load hole with 9.2# mud.
Set Plug #1 - 30 sx - 9800-9450'.
Shot off and pulled 5689' of 4 $\frac{1}{2}$ " casing.
Set Plug #2 - 35 sx - 5600-5800'.
Shot off and pulled 2722' of 7" casing.
Set Plug #3 - 30 sx - 2770-2670'.
Set Plug #4 - 40 sx - 550-450'.
Set Plug #5 - 20 sx - Surface
Set regulation dry hole marker.

DIVISION OF
OIL, GAS & MINING

RECEIVED
SEP 16 1981

18. I hereby certify that the foregoing is true and correct

SIGNED

James G. Routson
James G. Routson

TITLE

Petroleum Engineer

DATE

9/14/81

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: